

Amendments to the Specification:

Please replace the paragraph beginning at page 20, line 21 and ending on page 21, line 6 with the following amended paragraph:

Overlay function 720 is a function used to overlay the pixel information between original image A and dynamic image mask B. In one embodiment of the present invention, overlay function 720 involves mathematical manipulation and is defined by the equation:

$$OUT = \frac{IN}{\frac{3}{4} MASK + \frac{1}{4}}$$

~~OUT~~ MASK refers to the value of the pixel in dynamic masked image B. IN refers to the value of the pixel taken from original image A. ~~MASK~~ OUT refers to the value of the corresponding pixel in enhanced image C. For example, to produce the output value of pixel 714, the value of pixel 714 is divided by 3/4 the value of pixel 734, with the addition of an offset. The offset, 1/4, is chosen to prevent an error from occurring due to ~~diving~~ dividing by zero. The offset can also be chosen to lighten shadows in the resultant masked image 710.